

Remarks

Claims 1, 5, 6, 8-15 and 17-24 are pending in the application. Claims 2-4, 7 and 16 have been canceled without prejudice or disclaimer. Claims 23 and 24 are newly added..

Claim rejections

Section 102(e)

Claim 1, 2, 5, 6-11 and 13-22 were rejected under 35 USC 102(e) as being "unpatentable" (it is believed "anticipated" is meant) by Arndt et al. (pub. no. 2003/0023932) ("Arndt"). The Applicant respectfully traverses. Arndt cannot support the asserted rejection for at least the reason that Arndt does not disclose soft error handler logic to perform one of multiple possible operations to clear the soft error, the multiple possible operations including one of flushing the cache, invalidating a cache line, and clearing an intermediate portion of the cache as recited in the independent claims. The Examiner cites paragraph [0026] of Arndt as disclosing the noted feature. The Applicant respectfully disagrees. The cited paragraph only discloses "invalidat[ing] the content of a cache, and ERAT or a TLB." An ERAT is an effective-to-real translation buffer and a TLB is a translation look-aside buffer. These are not equivalent to a cache line or an intermediate portion of a cache as recited in the independent claims.

Withdrawal of the asserted rejection is therefore respectfully requested.

Section 103

Claims 3 and 4 were rejected under 35 USC 103(a) as being unpatentable over Arndt in view of Godiwala et al. (US 5,361,267) ("Godiwala"). Claims 3 and 4 have been canceled.

Claim 12 was rejected under 35 USC 103(a) as being unpatentable over Arndt in view of Bossen et al. (US 6,332,181) ("Bossen"). The Applicant respectfully traverses.

Claim 12 depends on claim 6, which is allowable over Arndt for at least the reasons discussed above. Bossen does not cure the deficiencies in Arndt.

Withdrawal of the asserted rejection is therefore respectfully requested.

Conclusion

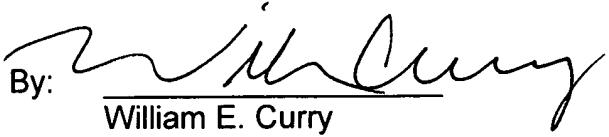
In light of the above discussion, Applicant respectfully submits that the present application is in all aspects in allowable condition, and earnestly solicits favorable reconsideration and early issuance of a Notice of Allowance.

The Examiner is invited to contact the undersigned at (202) 220-4323 to discuss any matter concerning this application. The Office is authorized to charge any fees related to this communication to Deposit Account No. 11-0600.

Respectfully submitted,

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